



Attorney Docket No.: 7640-X06-058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No.: 9066

Group Art Unit: 1761

Filed: April 18, 2006

Title: A LIPID PREPARATION FOR ENHANCING MINERAL ABSORPTION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Avidor SHULMAN et al

Confirmation No.: 9066

Application No.: 10/576,239

Attorney Docket No.: 7640-X06-058

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Group Art Unit: 1761

For: A LIPID PREPARATION FOR ENHANCING MINERAL ABSORPTION

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.56**

Commissioner for Patents
Alexandria, VA 22313

Sir:

In accordance with the duty of disclosure provisions of C.F.R. § 1.56, there is hereby provided certain information, which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

A revised Form PTO/SB/08a and PTO/SB/08b listing all patents, publications, applications, or other information submitted for consideration is enclosed.

As some of the references were cited in the International Search Report (ISR) for the corresponding PCT application, a copy of the ISR is also enclosed.

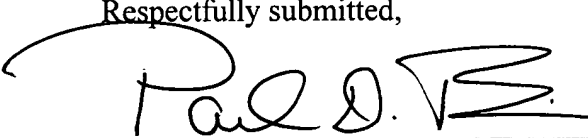
No admission is made that the information cited in this Statement is, or is considered to be prior art, material to patentability nor a representation that a search has been made.

This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or certification is required.

Respectfully submitted,

Dated:

15 Dec 2006



Paul D. Bianco (Reg. No. 43,500)

Attorney for Applicant

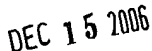
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Application Number	10/576.239
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Filing Date	April 18, 2006
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First Named Inventor	Avidor SHULMAN
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Art Unit	1761
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Examiner Name _____

Attorney Docket Number	7640-X06-058
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Sheet	1	of	5
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	AE	EP 0 495 456	07-22-1992	Daikin Industries, Limited		
	AF	EP 0 882 797	12-09-1998	Unilever N.V. & Unilever PLC		
	AG	EP 0 965 578	12-22-1999	Suntory Limited		
	AH	EP 1 062 873	12-27-2000	N.V. Nutricia		
	AI	EP 1 252 824	10-30-2002	Abbott Laboratories		

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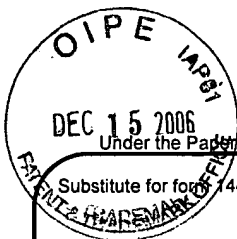
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/576,239
		Filing Date	April 18, 2006
		First Named Inventor	Avidor SHULMAN
		Art Unit	1761
Examiner Name			
Sheet 2	of 5	Attorney Docket Number	7640-X06-058

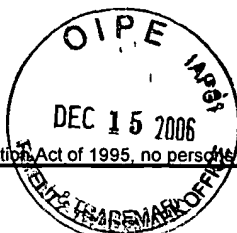
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	AJ	SUSAN E. CARLSON, PHD, et. al., Docosaheaxaenoic acid status of preterm infants at birth and following feeding with human milk or formula, Am. J. Clin. Nutri., 1986, pp. 798-804, v.44, American Society for Clinical Nutrition.	
	AK	VIRGILIO P. CARNIELLI, et. al., Feeding premature newborn infants palmitic acid in amounts and stereoisomeric position similar to that of human milk: effect on fat and mineral balance, Am. J. Clin. Nutr., 1995, pp. 1037-1042, v. 61, American Society for Clinical Nutrition.	
	AL	VIRGILIO P. CARNIELLI, et. al., Structural Position and Amount of Palmitic Acid in Infant Formulas: Effects on Fat, Fatty Acid, and Mineral Balance, Journal of Pediatric Gastroenterology and Nutrition, December 1996, pp. 553-560, v. 23, n. 5.	
	AM	L. J. FILER, JR. et. al., Triglyceride Configuration and Fat Absorption by the Human Infant, J. Nutrition, 1969, pp. 293-298, v. 99.	
	AN	OLLE HERNELL, et. al., Digestion and Absorption of Human Milk Lipids, Perinatal Nutrition, 1988, pp. 259-272.	
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	AP	SHEILA M. INNIS, et. al., Saturated fatty acid chain length and positional distribution in infant formula: effects on growth and plasma lipids and ketones in piglets, Am. J. Clin. Nutr., 1993, pp. 382-390, v. 57, American Society for Clinical Nutrition.	
	AQ	SHEILA M. INNIS, PHD et. al., Effects of Developmental Changes and Early Nutrition on Cholesterol Metabolism in Infancy: A Review, Journal of the American College of Nutrition, 1992, pp. 63S-68S, v. 11, n. 2.	
	AR	B. KOLETZKO, et. al., Effects of dietary long-chain polyunsaturated fatty acids on the essential fatty acid status of premature infants, European Journal of Pediatrics, 1989, pp.669-675, v. 148.	
	AS	ERIC L. LIEN, et. al., The Effect of Triglyceride Positional Distribution on Fatty Acid Absorption in Rats, Journal of Pediatric Gastroenterology and Nutrition, August 1997, pp. 167-174, v. 25, n. 2.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/576,239
Filing Date	April 18, 2006
First Named Inventor	Avidor SHULMAN
Art Unit	1761
Examiner Name	
Attorney Docket Number	7640-X06-058

Sheet 3

of

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NON PATENT LITERATURE DOCUMENTS

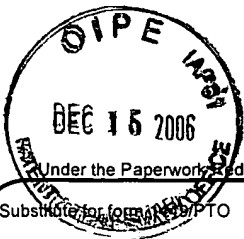
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	AT	A. LOPEZ-LOPEZ, et. al., The influence of dietary palmitic acid triacylglyceride position on the fatty acid, calcium and magnesium contents of at term newborn faeces, Early Human Development, 2001, pp. S83-S94, v. 65 suppl.	
	AU	A. LUCAS, et. al., Randomised controlled trial of a synthetic triglyceride milk formula for preterm infants, Archives of Disease in Childhood, 1997, pp. F178-F184, v. 77.	
	AV	STEVEN E. NELSON, et. al., Absorption of Fat and Calcium by Infants Fed a Milk-Based Formula Containing Palm Olein, Journal of the American College of Nutrition, 1998, pp. 327-332, v. 17, n. 4.	
	AW	STEVEN E. NELSON, et. al., Palm olein in infant formula: absorption of fat and minerals by normal infants, American Journal Clinical Nutrition, 1996, pp. 291-296, v. 64.	
	AX	KARIN M. OSTROM, et. al., Lower Calcium Absorption in Infants fed Casein Hydrolysate- and Soy Protein-Based Infant Formulas Containing Palm Olein Versus Formulas without Palm Olein, Journal of the American College of Nutrition, 2002, pp. 564-569, v.21, n. 6.	
	AY	JANE C. PUTNAM, et. al., The effect of variations in dietary fatty acid on the fatty acid composition of erythrocyte phosphatidylcholine and phosphatidylethanolamine in human infants, The American Journal of Clinical Nutrition, July 1982, pp. 106-114, v. 36.	
	AZ	P. T. QUINLAN, et. al., The Relationship between Stool Hardness and Stool Composition in Breast- and Formula- fed Infants, Journal of Pediatric Gastroenterology and Nutrition, 1995, pp. 81-90, v. 20.	
	BA	DONALD M. SMALL, The Effects of Glyceride Structure on Absorption and Metabolism, Annual Review Nutrition, 1991, pp. 413-434, v. 11.	
	BB	J. P. VAN BIERVLIET, et. al., Plasma apoprotein and lipid patterns in newborns: Influence of Nutritional factors, Acta. Paediatr. Scand., 1981, pp. 851-856, v.70.	
	BC	CHI-SUN WANG, et. al., Studies on the Substrate Specificity of Purified Human Milk Bile Salt-activated Lipase, J. of Biological Chemistry, 10 August 1983, pp. 9197-9202, v. 258, n. 15.	

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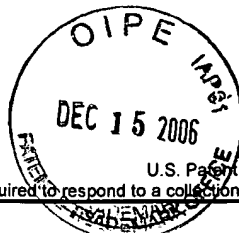
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	BD	ELSIE M. WIDDOWSON, et. al., Body Gat of British and Dutch Infants, British Medical Journal, 22 March 1975, pp. 653-655, v. 1.	
	BE	Database Medline Online, USNLM, 15 November 1997, Cadogan J. et. al.L "Milk intake and bone mineral acquisition in adolescent girls: randomised, controlled intervention trial.", XP002315046, database access no. NLM9390050.	
	BF	Database Medline Online, USNLM, October 2003, Volek Jeff S. et. al.: "Increasing fluid milk favorable affects bone mineral density responses to resistance training in adolescent boys.", XP002315047, database access no. NLM14520257".	
	BG	Database Embase Online, Elsevier Science Pub., 2000, Gueguen L: "Calcium balance: Requirements, intake and bioavailability", XP002315048, database access no. EMB-2000369954.	
	BH	Database Embase Online, Elsevier Science Pub., 1 September 2003, Scholz-Ahrens K.E.: "Nutrients of milk and their relevance for health", XP002315049, Database access no. EMB-2003380690.	
	BI	Database FSTA Online, IFIS, 1996, Anonymous: "Betapol, a breakthrough in infant formula fats." XP002315600, Database access no. 96-1-08-N0030.	
	BJ	Enzymotec launches InFat - perfect fat for infant formulas, Online, 4 July 2003, XP002315599, Retrieved from Internet URL: www.foodingredientsfirst.com/newsmaker.	
	BK	Database Biosis Online, Biosciences Info. Service, 1996, Carnielli Virgilio P., et. al.: "Structural position and amount of palmitic acid in infant formulas: Effects on fat, fatty acid, and mineral balance", XP002315050, Database access no. PREV199799383168.	
	BL	Database FSTA Online, IFIS, 1999, Kennedy K. et. al: "Double-blind, randomized trial of a synthetic triacylglycerol in formula-fed term infants: effects on stool biochemistry, stool characteristics, and bone minealization.", XP002315051, Database access no. 2000-00-g0249.	
	BM	Database Embase Online, Elsevier Science Pub., 1979, Jenness R: "The composition of Human Milk", XP002315052, Database access no. EMB-1979225226.	

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	BN	Database Medline Online, USNLM, Nov. 1997, Lucas A. et. al.: "Randomised controlled trial of a synthetic triglyceride milk formula for preterm infants.", XP002315783, access no. NLM9462186 & Archives of Disease in Childhood, Nov. 1997, Vol. 77, no. 3, pp F178-F184.	
	BO	R. JACOBSON, et. al., Effect of short-term high dietary calcium intake on 24-h energy expenditure, fat oxidation, and fecal fat excretion, International Journal of Obesity. 2005, pp. 292-301, v. 29.	
	BP	ROBERT G. JENSEN, The composition of Bovine Milk Lipids: January 1995 to December 2000, J. Dairy Sci., American Dairy Science Association, 2002, pp. 295-350, v. 85.	
	BQ	University of Maryland Med. Ctr. Web Site: medicalreference>alternative/complementarymedicine>tableofcontents>depletions>AntacidsAluminumCalciumandMagnesiumContainingPreparationscl.htm">http://www.umm.edu/home>medicalreference>alternative/complementarymedicine>tableofcontents>depletions>AntacidsAluminumCalciumandMagnesiumContainingPreparationscl.htm	

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